GERASIMOV, V.I., insh.

The ZA741 universal surface-grinding machine. Mashinostroitel' no.12:9-12 D '57. (MIRA 10:12)

(Grinding machines)

RYABCHENKOV, A.V.; GERASIMOV, V.I.; PONGIL'SKIY, N.F.; ZAYTSEV, E.G.

Lasting corrosion resistance of Kh18N10T steel during alternating wetting and drying. Metalloved. i term. obr. met. no.4:18-21 Ap '64. (MIRA 17.6)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

GERASIMOV, V. I.

Montazh koksovykh tsekov (Installation of coke shops) Moskva, Gos. Izd-vo Literatury Po Stroitel'stvu i arkhitekture, 1952.
253 p. illus., diagrs., tables.

GERASIMOV, V.I.; GRIGORENKO, M.G., redaktor; KRASIL'SHCHIK,S.I., redaktor; TOMIN, A.M., tekhnicheskiy redaktor.

[Booklet on safety measures for workers at refractory material storehouses and workers stocking refractory bricks for building coke ovens] Pamiatka po tekhnike bezopasnosti dlia rabochikh skladov ogneuporov i rabochikh, zaniatykh na zagotovke ogneupornogo kurpicha pri stroitel'stve koksovykh pechie. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1955. 45 p. (MLRA 8:8)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva. Otdel tekniki bezopasnosti i promyshlennoy sanitarii.
(Refractory materials--Safety measures)

GERASIMOV, V. I.

68-1-10/21

AUTHOR: Simachev, L.V., Peleshuk, M.I., Gekhtman, D.Ya., Shpeyyer, N.A., Pryakhin, L.G. and Gerasimov, V.I.

TITLE: Comments on the Paper of R.Z. Lerner "On Changes in the Composition of the Coke Oven Department for a Considerable Increase in the Number of Coke Ovens in a Battery". (Otkliki na statyu R.Z. Lernera "Ob izmenenii kompanovki koksovogo tsekha dlya znachitel'nogo uvelicheniya chisla pechey v batareye")

PERIODICAL: Koks i Khimiya, 1957, No.1, pp. 35 - 36 (USSR)

ABSTRACT: These relate to the paper published in Koks i Khimiya, 1956, No.4. The authors agree with the proposals of R.Z. Lerner (batteries of 100 ovens) and consider that 4 batteries of the proposed type should be urgently designed. There is 1 table.

ASSOCIATION: Glavmekhanomontazh and Koksokhimmontazh.

AVAILABLE: Library of Congress

Card 1/1

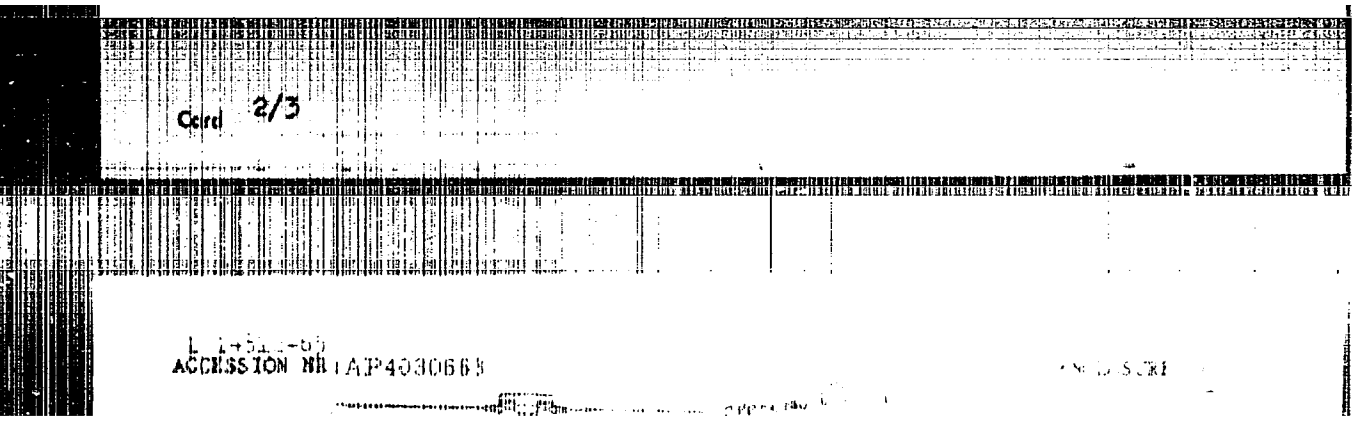
GERASIMOV, Vasiliy Ivanovich, inzh.; PAUKOV, Yelisey Vasil'yevich, inzh.; PASHKEVICH, Aleksey Il'ich, inzh.; PRYAKHIN, Leonid Grigor'yevich, inzh.; PELESHUK, M.I., inzh., nauchnyy red.; VLASOV, P.Ye., red. izd-va; KL'KINA, E.M., tekhn.red.

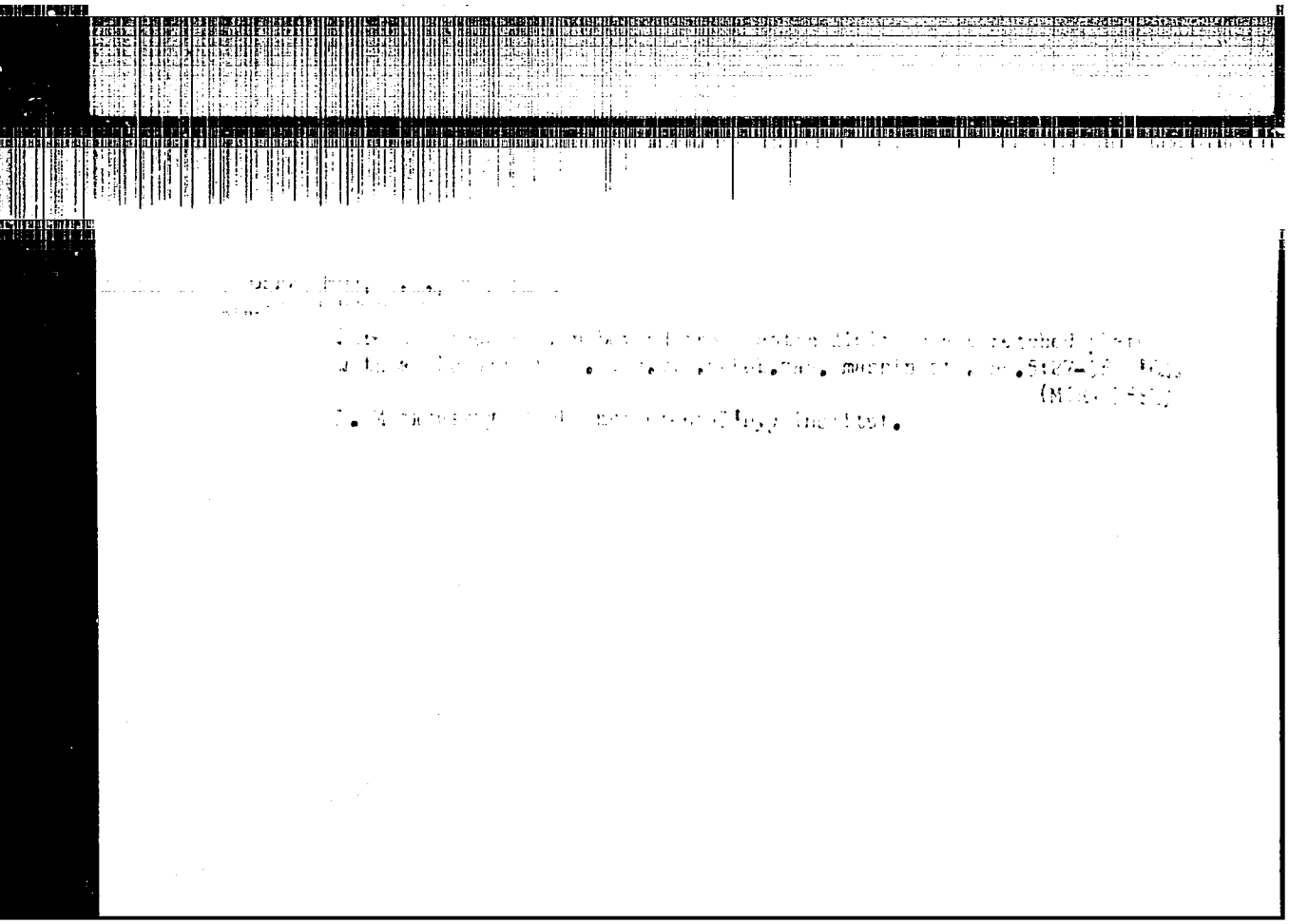
[Use of refractories and construction of coke ovens] Ogneupornye i montazhnye raboty pri stroitel'stve koksovykh tsekhov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 498 p. (MIRA 13:12)

(Coke ovens)

GERASIMOV, Vasiliy Ivanovich; KOZLOV, Rostislav Polikarpovich; PELESHUK, M.I., nauchn. red.; PATENOVSKAYA, M.I., red.

[Assembly mechanic for the equipment in coke by-product plants] Slesar'-montazhnik po oborudovaniiu koksokhimicheskikh zavodov. Moskva, Stroiizdat, 1964. 342 p. (MIRA 17:6)





GERASIMOV, [illegible]

Stress and stress concentration caused by the stretching of a plate with a circular hole under creeping conditions. Izv.vys.ucheb.zav.; mashinostr. no.7:[illegible] '64. (MIRA 17:10)

1. Moskovskiy stankoinstrumental'nyy institut.

GERASIMOV, V.I.

Dust collectors for mining cutter-loaders. Bul. tekh.-ekon. inform. Gos. nauch.-issl. inst. tekh. inform. 17 no.9: 12-14 S '64 (MIRA 18:1)

FEDOROVA, T.P., kand. tekhn. nauk; KRENTSEL', N.Ye., inzh.; [illegible], V.I., inzh.

Improvement in the quality of semirigid mineral wool slabs. Stroi. mat. 11 no.7:31-32 Jl '65. (MIRA 18:8)

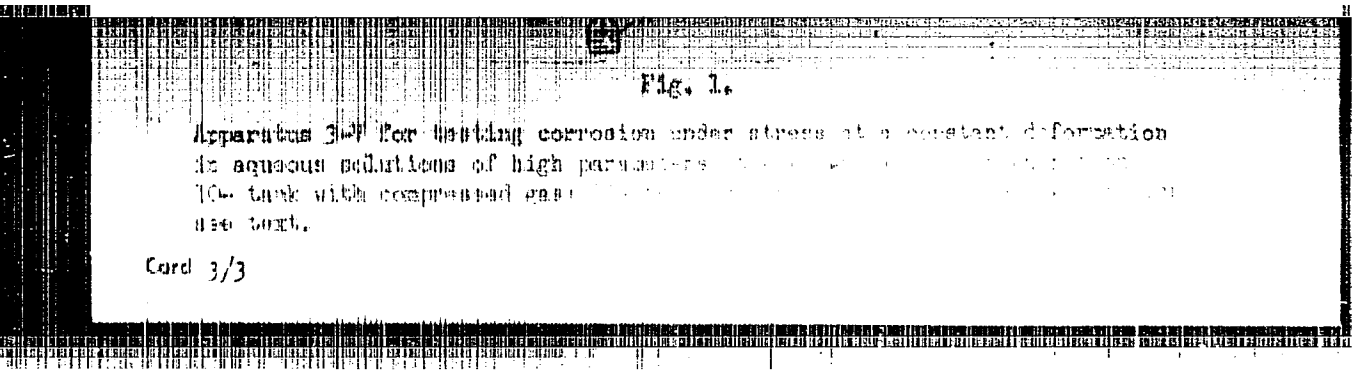


Fig. 1.

Apparatus [illegible] for testing corrosion under stress at a constant deformation in aqueous solutions of high parameters [illegible] 10-l tank with compressed gas [illegible] see text.

Card 3/3

L 3822-66 EWT(d)/EWT(m)/EPF(c)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l) 48 45 B
ACCESSION NR: AP5024828 JD/WB UR/0032/65/031/010/1265/1268
620.198-1.0.5

AUTHOR: Ryabchenkov, A. V.; Pongil'skiy, N. F.; Zaytsev, E. G.; Gerasimov, V. I.
44,55 44,55 44,55 44,55

TITLE: A device for corrosion tests under stress at high temperature and pressure

SOURCE: Zavodskaya laboratoriya, v. 31, no. 10, 1965, 1265-1268

TOPIC TAGS: stress corrosion, high temperature effect, pressure effect
44,55 16

ABSTRACT: The article is a description of a device patented by the authors for studying corrosion in metals under stress at high temperatures and pressures (Author's Certificate No. 154078, published in *Byulleten' izobretenii* No. 8 1963). Schematic diagrams are given of the instrument as a whole and of its principal parts. A general schematic of the device is shown in fig. 1 of the Enclosure. The unit consists of working chamber *1* with loading device *2*, supercharger *3*, intermediate storage vessels *4* and *5* and sampler *6*. These elements form a closed circulation system with connecting tubes *7*. The installation also contains a supply tank *8*, a pressure-equalizing device *9*, protection *10* and control *11* instrumentation located on a separate control board and in the cabinet of the device. The operation of the

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L 3822-66 3

ACCESSION NR: AP5024828

instrument is described in detail. The installation is designed for a preprogrammed automatic testing cycle. Orig. art. has: 3 figures.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya (Central Scientific Research Institute of Technology and Machine Building) 44,55

SUBMITTED: 00 ENCL: 01 SUB CODE: IE

NO REF SOV: 003 OTHER: 000

Card 2/3

L 3822-66
ACCESSION NR: AP5024828

ENCLOSURE: 01

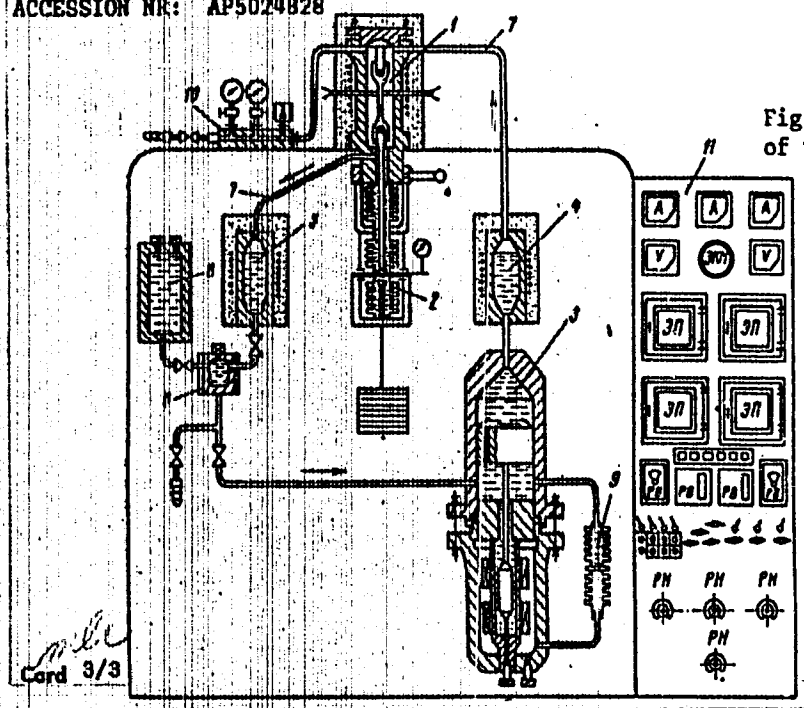


Fig. 1. Schematic diagram of the installation

Card 3/3

RYABCHENKOV, A.V.; SIDOROV, V.F.; GERASIMOV, V.I.; PONGIL'SKIY, N.F.

Unit for testing steels for corrosion cracking in aqueous solutions of a given concentration of salts and oxygen. Zav.lab. 31 no.4:501-503 '65.

(MIRA 18:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

RYABCHENKOV, A.V.; PONGIL'SKIY, N.F.; ZAYTSEV, E.G.; GERASIMOV, V.I.

Apparatus for corrosion tests under strain at high temperature and pressure. Zav.lab. 31 no.10:1265-1268 '65. (MIRA 19:1)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

L 39548-66 EWT(m)/EWP(t)/ETI IJP(c) JD/WB

ACC NR: AP6015283 (N) SOURCE CODE: UR/0365/66/002/003/0257/0278

AUTHOR: Ryabchenkov, A. V.; Gerasimov, V. I.; Sidorov, V. P.

ORG: Central Scientific Research Institute of Technology and Machinery (Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya)

TITLE: On the nature of the stress corrosion cracking of austenitic steels and basic factors affecting this process

SOURCE: Zashchita metallov, v. 2, no. 3, 1966, 257-278

TOPIC TAGS: stress corrosion, austenitic steel

ABSTRACT: The article analyzes literature data on the nature and mechanism of the process of stress corrosion cracking of austenitic steels in chloride solutions and discusses the principal factors affecting the generation and development of fractures under stress corrosion conditions. It is shown that thus far no theory has been developed to provide an accurate explanation for the stress corrosion process, but that one should be advanced in the near future. All the known factors determining the tendency of austenitic steel toward stress corrosion cracking are divided into two main groups: (a) external factors related to the conditions of the medium surrounding the metal, and (b) internal factors determining the physicochemical properties of the metal itself (i.e., chemical composition, structure, degree of deformation, etc.). The manner in which two major factors, the composition and temperature

Card 1/2 UDC: 620.193/194 669.15-194:669.24'26

L 39948-66

ACC NR: AP6015283

2

of the corrosive medium and the chemical composition of the steel, affect the corrosion cracking process is discussed in detail. It is noted that this review considers only the principal modern concepts of the nature and mechanism of stress corrosion cracking of stainless austenitic steels in chloride solutions, to the exclusion of the important problem of the experimental investigation methods employed in such studies; such methods will be discussed in a future article. Orig. art. has: 12 figures and 7 tables.

SUB CODE: 11/ SUBM DATE: 01Dec65/ ORIG REF: 020/ OTH REF: 066

Card 2/2 11b

ACC NR: AP6018012 (N) SOURCE CODE: UR/0413/66/000/010/0126/0126

INVENTORS: Lyubavskiy, K. V.; L'vova, Ye. P.; Sukhov, L. V.; Yarovinskiy, L. M.; Tarnovskiy, A. I.; Ryabchenkov, A. V.; Gerasimov, V. I.; Iodkovskiy, S. A.

ORG: none

TITLE: Welding electrode. Class 49, No. 181968 [announced by Scientific Research Institute of Technology and Machine Construction (Nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 126

TOPIC TAGS: welding, welding electrode, austenite steel, carbon, silicon, manganese, chromium, nickel, molybdenum, niobium, sulfur, phosphorus

ABSTRACT: This Author Certificate presents a welding electrode for welding austenite steels containing carbon, silicon, manganese, chromium, nickel, molybdenum, niobium, sulfur, and phosphorus. To increase the resistance of welded seam to corrosion, the electrode composition is taken in the following percent relationship: carbon—not over 0.05; silicon—not over 0.45; manganese 2—10; chromium 19—25; nickel 33—50; niobium 0.8—1.2; molybdenum 2.5—7.5; sulfur or phosphorus—not over 0.02 of each.

SUB CODE: 13/ SUBM DATE: 29Apr65

Card 1/1 UDC: 621.791.042.2

L 10778-67

ACC NR: AP6027588 SOURCE CODE: UR/0256/66/000/005/0052/0053

25

AUTHOR: Gerasimov, V. I. (Brigadier general of ITS)

ORG: None

TITLE: Automation on a small scale

SOURCE: Vestnik protivovozdushnoy oborony, no. 5, 1966, 52-53

TOPIC TAGS: automation, automatic control, armed force installation, military engineering

ABSTRACT: Referring to the directives of the new Five Year Plan with regard to the general development of automation, the author stresses that the military engineering personnel must pay more attention to the so-called "small mechanization" and exert more skill and inventiveness in handling and improving their various equipment. In this connection, he cites and praises many officers who showed their initiative in suggesting and promoting new inventions and devices. A series of improvements sharply increased the maneuverability of missile units and their transition to combat positions. The introduction of conveyor lines for delivering ammunition increased the combat readiness. A new device improved the control and transmission of information on the position of moving vehicle columns. A development of a new electronic system speeded the transmission of signals and orders. New innovations were applied to the operation of radar stations. The operation of a power supply system was also modernized. Many improvements were suggested and adopted for automation of work in maintenance and repair shops.

SUB CODE: 13, 15/ SUBM DATE: None

Card 1/1

GERASIMOV, V.K.

Functional state of the adrenal cortex in various phases of non-specific ulcerative colitis. Vest. AMN SSSR 18 no.10:65-70 '63.
(MIRA 17:6)

1. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut Ministerstva zdravookhraneniya RSFSR.

VNUKOV, V.K., inzh.; GERASIMOV, [illegible], inzh. (Baranovichi)

Constructing crossings across swamps using the method of continuous floating. Stroi. truboprov. 5 no.10:12-14 O'60. (MIRA 13:10)
(Gas, Natural--Pipelines)

GERASIMOV, V.N., inzh.

Using mixed brigades in road-bed constiruction and soil stabilization. (MIRA 13:10)
Avt. dor. 23 no.5:7 My'60.
(Soil stabilization) (Omsk Province--Road construction)

GERASIMOV, V.N.

Mechanized conveying of blanks. Mashinostroitel' no.9:20 S '61. (MIRA 14:10)

(Conveying machinery)

GERASIMOV, V.N.; KURYNDIN, V.F.; ILYUSHIN, N.F.

Automatic groove milling machine. Mashinostroitel' no.6:10-11 Je '64. (MIRA 17:8)

S/123/61/000/022/005/024
A004/A101

AUTHOR: Gerasimov, V.N.

TITLE: Investigating the finish turning of steel with mineral-ceramic tools

PERIODICAL: Referativnyy zhurnal. Mashinostroyeniye, no. 22, 1961, 29, abstract 22B176 ("Tr. Ufimsk.aviats. in-ta", 1960, no. 5, 69 - 74)

TEXT: The author presents the results of experimental investigations of the effect of the back angle, vibration-absorbing chamfer on the back edge and chamfer with negative angle on the cutting edge, on the magnitude of radial wear and temperature deformations of tools with mineral-ceramic bits of the ЦМ 332 (TsM332) grade during the finish turning of axle steel with σ_b = 62.5 kg/mm^2. He presents curves of the relationships between radial tool wear and cutting path at different values of the back angle, back edge wear and back angle, etc. It was found that temperature deformations of ceramic tools are considerably lower than those of sintered carbide tools, which promotes an increase in machining accuracy. A negative chamfer on the tool cutting edge increases its dimensional service life and improves the surface finish. In the zone of normal wear, a linear dependence exists between the magnitude of radial wear and the length of the

Card 1/2

cutting path, which makes it possible to calculate the machining accuracy of parts. It is pointed out that the vibration-absorbing chamfer on the back edge has a negative effect, deteriorating the surface finish and lowering the dimensional life of tools with TsM332 bits. There are 7 graphs and 5 references.

I. Briskman

[Abstracter's note: Complete translation]

GERASIMOV, V.N.

Prestressed steel composite beams with stock auxiliary chords.
Trudy MPI 147:31-35 '63. (MIRA 17:3)

GERASIMOV, V.N.

Comparison of diamond boring and internal grinding. Trudy Stud. nauch. ob-va LIEI no.3:92-96 '59. (MIRA 16:10)

GERASIMOV, V. N. 18G61

USSR/Leningrad Elec Power System Nov 1947
4501.0500

"Thirty Year Development of the Leningrad Power System," V. N. Gerasimov, Engr, 2 pp

"Elek Stantsii" Vol XVIII, No 11

Describes system and its development. Mentions individual installations in connection with outstanding work of named engineers and technicians. Describes war experience and reconstruction.

18G61

VESELOV, S.S., inzhener; OVECHKO, V.L., inzhener; GERASIMOV, V.N., redaktor; USOV, S.V., redaktor izdatel'stva; VORONETSKIY, B.V., tekhnicheskiy redaktor.

[Efficent methods employed in the Leningrad Power Plants] Ratsionalizatorskaia rabota Lenenergo. Leningrad, Gos.energ.izd-vo. No.1.1949. 241 p. [Microfilm] (MLRA 10:5)

1. Proizvotstvenno-tekhnicheskiy otdel Upravleniya Lenenergo (for Veselov, Ovechko) 2. Russia (1923- U.S.S.R.) Glavnoye upravleniye elektrostantsiy i elektrosetey TSentra. Leningradskoye rayonnoye upravleniye. 3. Zamestitel' glavnogo inzhenera Lenenergo (for Gerasimov). (Leningrad--Electric power plants)

VUL'FSON, B.I. (Engineer), GERASIMOV, V.N.
KOLESNIKOV, I.L.

Electric Power Plants

Heating and electric power units with a flue gas temperature of 100° C. Za ekon. top. 9 No. 5 (1952)

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

GERASIMOV, Nadezhda, inzh.; ZVEZDKIN, V.N., inzh.; IZRAYELIT, G.B., inzh.
MOKHYENKO, I.Ye., inzh.

More on the testing of insulation of large electric machines.
Elek.sta. 29 no.6:67-70 Je '58. (MIRA 11:9)
(Electric insulators and insulation--Testing)

GRIGOR'YANTS, Georgiy Mironovich; GERASIMOV, V.N., prof., retsenzent; ERLIKH, V.A., red.; SOBOLEVA, Ye.M., tekhn. red

[Problems of the design and economics of the construction of thermal electric power plants; principal means for decreasing costs and shortening the construction time] Voprosy proektirovaniia i ekonomiki stroitel'stva teplovykh elektrostantsii; osnovnye puti snizheniia stoimosti i sokrashcheniia srokov stroitel'stva. Moskva, Gosenergoizdat, 1963. 314 p. (MIRA 17:4)

LUPAKOV, I.S., kand. tekhn. nauk; MOSKVICHEV, G.S., kand. tekhn. nauk; ZAKHAROV, Yu.V., inzh.; GERASIMOV, V.V., doktor tekhn. nauk

Comparative study of the strength of some austenitic and austenite-ferrite steels against corrosion cracking. Teploenergetika 11 no.6: 40-43 Je '64. (MIRA 18:7)

GERASIMOV, V. N.

"The Breakaway Resistance of Sunken Ships When Lifted From Sandy Ground." Cand Tech Sci, Leningrad Military-aeronautical Engineering Academy, Leningrad, 1954. (RZhMekh, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

GERASIMOV, V.N.

Ground permeability component of the resistance to its separation from a vessel being lifted. Trudy LKI no.29:21-25 '59. (MIRA 14:7)

1. Leningradskiy korablestroitel'nyy institut, kafedra teorii korablya.

(Permeability)

GERASIMOV, Vladimir Nikolayevich; DROBLENKOV, Viktor Feoktistovich; RODIONOV, A.I., retsenzent; VASIL'YEV, B.F., retsenzent; IVANOV, A.P., red.; MEDNIKOVA, A.N., tekhn.red.

[Submarine boats of imperialist countries] Podvodnye lodki imperialisticheskikh gosudarstv. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 221 p. (MIRA 13:12)
(Submarine boats)

GERASIMOV, Vladimir Nikolayevich; DROBLENKOV, Viktor Feoktistovich; RODIONOV, A.I., retsenzent; VASIL'YEV, B.F., retsenzent; ANTONOV, D.A., retsenzent; IVANOV, A.P., red.; KRASAVINA, A.M., tekhn. red.

[Submarine boats of imperialist countries] Podvodnye lodki imperialisticheskikh gosudarstv. Izd.2., dop. Moskva, Voenizdat, 1962. 301 p. (MIRA 15:9)
(Atomic submarines) (Submarine boats)

BUKALOV, Valeriy Mikhaylovich; NARUSBAYEV, Aleksandr Abdugaparovich; GERASIMOV, V.N., kand. tekhn. nauk, retsenzent; FEDIN, P.G., inzh., retsenzent; YEGOROV, S.A., nauchn. red.; PENOVA, Ye.M., red.

[Design of atomic submarines; from materials in the foreign press] Proektirovanie atomnykh podvodnykh lodok; po materialam inostrannoi pechati. Leningrad, Sudostroenie, 1964. 287 p. (MIRA 17:7)

GERASIMOV, V. P. comp.

Problems of the Michurin biology; collection of articles Prev. Bozhana Dimitrova Sofiia Izd-vo na Sŭiuz na bŭlgaro-sŭ-vetskite druzhestva 1950 698 p.

4QH-145

GERASIMOV, V.P.

Problems of heredity and its variability for school excursions to the zoo. Est.v shkole no.2:72-79 Mr-Ap '54. (MLRA 7:3)

1. Konsul'tant metodist Moskovskogo zooparka.
(School excursions) (Zoology--Study and teaching)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk.

Elements of scientific atheistic training on the subject "Achievements of Russian Darwinist-scientists." Est.v shkole no.6:49-54 N-D '54. (MLRA 7:12)

(Religion and science)

GERASIMOV, V.P.

DZHORDZHADZE, V.A.; BEREZOVA, Ye.F., doktor biologicheskikh nauk, professor; BUSHINSKIY, V.P., akademik; GERASIMOV, V.P., dandidat pedagogicheskikh nauk; DOBROLYUBOVA, Ya.M., dotsent; IVANOV, P.P.; IMSHENETSKAYA, L.I.; TERNKHOV, V.D., redaktor; YUSPINA, N.L., tekhnicheskiy redaktor

[Publicizing the natural sciences in connection with practical problems in agriculture] Propaganda estestvennonauchnykh znanii v sviazi s prakticheskimi zadachami sel'skogo khoziaistva. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 158 p. (MLRA 9:11)
(Agriculture--Study and teaching)

GERASIMOV, V.P., kand. pedagogicheskikh nauk.

Current tasks in popularizing natural sciences in zoological parks and gardens. Sbor. trud. Mosk. zoop. no.1:7-15 '56. (MIRA 10:11)
(Zoology--Study and teaching) (Zoological gardens)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk.

Reflex of "freedom" and the "orientation" reflex in wild animals in captivity. Est. v shkole no.6:48-52 N-D '56.
(MLRA 9:12)

(Animals, Habits and behavior of)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk.

Defense reflexes in wild animals. Biol. v shkole no.3:31-37 My-Je '57. (MLRA 10:6)
(Zoology--Study and teaching) (Animals, Habits and Behavior)
(Conditioned response)

FEDOROVA, Vera Nikolayevna; GERASIMOV, V.P., red.; FEDOTOVA, A.F., tekhn. red.

Development of methods in the natural sciences in Russia before the Revolution] Razvitie metodiki estestvoznaniia v dorevoliutsionnoi Rossii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 431 p. (MIRA 11:5)
(Science--Methodology)

GERASIMOV, V.P., kand. ped. nauk.

Instinct of care for the offspring in some vertebrates. Biol. v shkole no.1:66-70 Ja-F '58. (MIRA 11:1)
(Instinct) (Animals, Habits and behavior of)

GERASIMOV, V.P., kand.ped.nauk

Role of the biology teacher in scientifically-based atheistic education of students. Biol. v shkole no.5:9-12 S-O '58. (MIRA 11:11)

(Biology--Study and teaching) (Atheism)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk

Care of the young among mammals; material for a trip to the zoological park. Biol.v shkole no.1:30-34 Ja-F '60.
(MIRA 13:5)

(Animals, Habits and behavior of)

GERASIMOV, V.P., kand.pedagog.nauk (g.Moskva)

Scientifically-based atheistic education during excursions to the zoological park. Biol. v shkole no. 6:29-32 N-D '60.
(MIRA 14:1)
(Atheism--Study and teaching) (Adaptation (Biology))

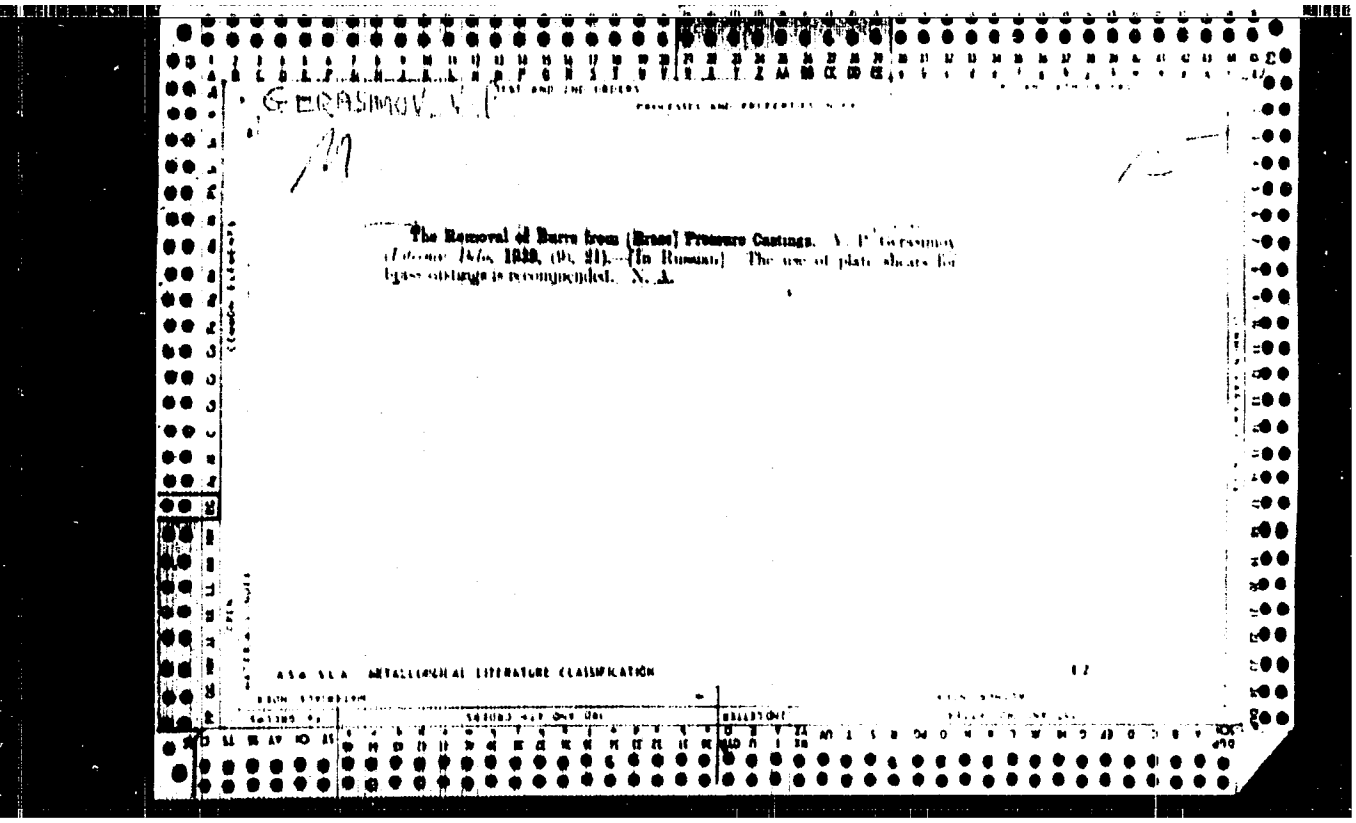
GERASIMOV, Vasiliy Petrovich; KHUNTSKARIYA, Ye.N., red.; KARPOVA, T.V., tekhn. red.

[Fishes, amphibians, reptiles and their study in school; a textbook for teachers]Ryby, zemnovodnye, presmykaiushchiesia i izuchenie ikh v shkole; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 225 p. (MIRA 15:11)
(Fishes) (Amphibia) (Reptiles)

GERASIMOV, V.P.

Museums aid in organizing a Bird Day. Biol. v shkole no.2:72-74 Mr-Ap '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut muzeyevedeniya, Moskva.
(Museums) (Bird Day)



G. ERASIMOV, V. P.

The Removal of Burrs from [Brass] Pressure Castings. V. P. Gerasimov (Moscow, 1938, (91, 21). [In Russian] The use of plate shears for brass castings is recommended. N. A.

A.S.M. METALLURGICAL LITERATURE CLASSIFICATION

"Removing Burrs when Filling Toothed Wheels," Stanki i Instrument, 10, No. [illegible], 1939.

Report U-1505, 4 Oct 1951.

Use of Sawdust for Case-Hardening. V. P. (Semenov). (*Stanki i Instrument*, 1930, No. 3, 26). (In Russian). The use of sawdust from coniferous wood instead of charcoal is said to have reduced the time required for case-hardening to a given depth by 3 hr. The sawdust is heated to 500° C. in closed containers before use.—A. E.

Heat Treatment Furnaces

Dimensions of Hard-Alloy Dies for Drawing Wire and Bars. V. P. Gerasimov. (*Standards and Instrument*, 1930, No. 7, 28). [In Russian] A very brief account is given of the successful use of unusually small hard alloy drawing dies of sub-standard dimensions.—A. K.

1. GERASIMOV, V. P.

2. SSSR (600)

4. Metalworking Machinery

7. Universal shaft.
Lit. proiz. No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. GERASIMOV, V. P.

2. USSR (600)

4. Jigs and Fixtures

7. Improving the fastening of tool holders in turret lathes. Stan. i instr. 24 no. 3 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

GERASIMOV, V.P.

Diamond substitute from widia grain with plastic filler. Stan. i instr. 24 no.5:34 My '53. (MLRA 6:6)
(Abrasives)

Gerasimov, V.P.

AUTHOR: Gerasimov, V.P., Engineer, 128-58-5-13/16

TITLE: Exchange of Experience (Obmen opytom)

PERIODICAL: Liteynoye Proizvodstvo, 1958, Nr 5, p 27 (USSR)

ABSTRACT: The die-casting method requires pre-heating of the press-mold by preliminary filling with molten metal under light pressure. Sometimes, up to 15 such preliminary fillings are needed, and the waste becomes costly, particularly when the fittings are also wasted. Engineer A.M. Fedorov suggested specially-made insert-closers (shown in drawing) to be used instead of die-casting fittings for the pre-heating castings.
There is 1 drawing.

AVAILABLE: Library of Congress

Card 1/1

[redacted], V.P., [redacted], A.A., [redacted], V.I.

Produced equipment should be on the level of best standards.
Mashinostroitel' no.9:8 S '65. (MIRA 18:12)

L 00685-67 EWT(1)

ACC NR: AP6005310 SOURCE CODE: UR/0413/66/000/001/0044/0044

AUTHOR: Gerasimov, V. P.

ORG: none

TITLE: A rotary waveguide device. Class 21, No. 177490

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 44

TOPIC TAGS: waveguide, waveguide coupler, waveguide element, electric rotating equipment part

ABSTRACT: This Author Certificate presents a rotary waveguide device containing a series of kinematically interconnected sections arranged in a common casing. The design provides mutual rotation of all adjacent sections to the same angle when the output section is turned to an arbitrary angle and when the input section is stationary. All sections are divided into groups consisting of three adjacently positioned sections. These three sections are interconnected by equal-arm levers (see Fig. 1). The axes of these levers are fastened to the middle sections of each

Card 1/2 UDC: 621.372.831.3

L 00685-67

ACC NR: AP6005310

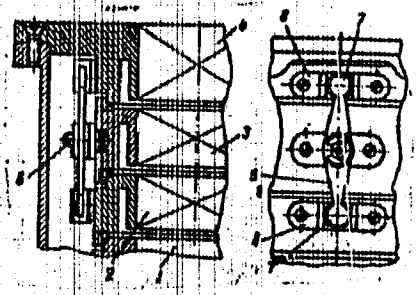


Fig. 1. 1-4 - sections;
5 - equal-arm lever;
6 - axes of the lever;
7 - ends of the lever;
8 - guides

group. The ends of the arms enter in the guides mounted on the outer sections of this group. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 18Jan65

Card 2/2

GERASIMOV, V.P.; KOLESOV, S.Ya.

Data telemetering system for electropnysical units. Elektrofiz. app. no.2:131-138 '64. (MIRA 18:3)

GRAFOV, L.Ye., gornyy inzh.; GORBUSHIN, V.I., V.I.; ZARANKIN, N.Ye.; DUDNIK, G.N.; BARONSKIY, I.V.; KOSTYUKOVSKIY, V.Ya.[deceased]; LINDENAU, N.I.; BIRYUKOV, R.A.; LISKOVETS, A.R.; MURAV'YEV, V.P.; FESUN, V.A.; BERDYUGIN, V.A.; BEREZNYAK, M.M.; VASIL'YEV, Ye.I.; KOLLODIY, K.K.; IL'CHENKO, D.F.; YALEVSKIY, D.B.; GERASIMOV, V.P.; IVANOV, V.V.; GAVRILOV, G.V.; SUROVA, V.A., red. izd-va; OSVAL'D, E.Ya., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.

[Development and improvement in the technology of coal production] Razvitie i sovershenstvovanie tekhniki dobychi uglia. Moskva, Gosgortekhizdat, 1962. 359 p. (MIRA 16:2)
(Kuznets Basin--Coal mines and mining)

GERASIMOV, V.F.; DYADYURA, A.G.

New machines from the "Communist" factory. Gor. zhur. no.11:13 N '61. (MIRA 15:2)

1. Glavnyy inzh. zavoda "Kommunist" (for Gerasimov). 2. Zamestitel' glavnogo konstruktora zavoda "Kommunist" (for Dyadyura).
(Krivoy Rog Basin--Mining machinery)

SOLNYSHKOV, A. I. ; NOMAROV, V. P.; KUZNETSOV, V. S.; ABROYAN, M. A.; IVANOV, N. F. ZHELEZNIKOV, F. G.; HOYFE, I. M.; ZABLOTSKAYA, G. R.; IVLEV, I. V. ; LATMANISOVA, G. M. and GERASIMOV, V. P.

Current Injector for a Strong Focussed Linac.

report presented at the Intl. Conf. on High Energy Accelerators, Dubna, August 1963.

MAKAREVICH, Vitaliy Sergeyevich; VEPRIK, Gennadiy Nikolayevich; GRRASIMOV, Vasiliy Petrovich; SIMONOV, Veniamin Georgiyevich; GORODETSKOV, A.P., inzh., retsenzent; LYUTTSAU, A.G., inzh., retsenzent; ZUBLEVSKIY, S.M., inzh., red.; USENKO, L.A., tekhn. red.

[Detection and elimination of faults in VL22^{22} electric locomotives] Obnaruzhenie i ustranenie neispravnostei na elektrovozakh VL22^{M}. Moskva, Transzheldorizdat, 1962. 127 p. (MIRA 15:11)
(Electric locomotives--Maintenance and repair)

GERASIMOV, V.S., kand. tekhn. nauk (Leningrad)

Continuous line methods for the repair of passenger cars in the factory. Zhel. dor. transp. 45 no.11:65-67 N '63. (MIRA 16:12)

1. Nachal'nik Oktyabr'skogo elektrovagonoremontnogo zavoda, Leningrad.

PA 37/49T44

GERASIMOV, V. S.

USSR/Engineering
Tools, Machine
Lathes

Aug 48

"Modernization of Machine Tools for Machining Large Parts," V. S. Gerasimov, Engr, 1½ PP

"Stanki i Instrument" No 8

Explains how lathes can be modified to cope with jobs larger than those for which they were originally designed. Includes two sketches.

37/49T44

ACCESSION NR: AP4029705 S/0136/64/000/004/0055/0060

AUTHORS: Isakova, R.A.; Yesyutin, V.S.; Nesterov, V.N.; Taziyev, Zh. Sh.; Morozov, I.F.; Gerasimov, V.S.

TITLE: Continuous Vacuum Refining of Selenium by Means of Fractional Vapor Condensation

SOURCE: Tsvetny*ye metally*, no. 4, 1964, 55-60

TOPIC TAGS: selenium, vapor condensation, separation, feed rate, impurity, vacuum refining, continuous

ABSTRACT: The authors investigated the vacuum refining of selenium in a continuous fractional column equipped with screens. The vacuum extraction of selenium was based on the considerable difference which exists in the pressures of selenium, selenide, metal and impurity vapors. A great amount of contradictory data on seleno-sulfur compounds have been made available in literature. Chizhikov et al (Ob isparenii selena iz yego splavov c seroi (Evaporation of selenium from its sulfur alloys) Tr. Inst. metallurgii im. Baykova (Proceedings of the Metallurgical Institute), vol. I, 1957) and others

Card 1/3

ACCESSION NR: AP4029705

have shown experimentally that sulfur-selenium cannot be fully separated. In view of the difficulties involved in the separation of selenium and mercury, the authors investigated the vapor pressure of mercury selenide within the 350-450C range which proved to be lower than that of elementary selenium. The purest selenium was obtained at a condensation temperature of 240-270C. The effects of temperature, feed rate and residual pressure were analyzed. The authors found that an increase in temperatures between 370 to 430C is accompanied by a productivity increase from 5 to 50 g/min. The ratio of refined metal to the mother liquor depends on temperatures and feed rate, and this may be readily predetermined. Residual pressure was found to affect the process considerably. An increase of up to 1 mm Hg at 430C increases the yield of the overflow from 22 to 70.9%. Quality tests showed that the selenium had a lower content of impurities as temperatures were decreased and vapor and selenium counterflow introduced into the process. A study of the distribution of impurities showed that the fractions of the two center screens which worked within the 270-240C temperature range had the lowest

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ACCESSION NR:AP4029705

content of volatile and non-volatile impurities. Assuming that the yield of the last screen is a maximum of 1% while that of the first screen may be controlled by the distance of the screen from the evaporator (i.e. temperature), the concentration of the major part of impurities in a small amount of the selenium of the first and last screen is possible while 85 to 90% refined selenium would be yielded from the two center screens. The authors contend that the application of this process would decrease the impurities in refined selenium drastically. Orig. art. has: 3 figures and 3 tables

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 30Apr64 ENCL: 00

SUB CODE: ML

NR REF SOV: 007 OTHER: 000

Card 3/3

GERASIMOV, V.S., inzhener; MAKAROVA, G.A., inzhener.

Means for increasing the profitability of power and chemical equipment. Gidrolliz. i lesokhim. prom. 9 no.4:29 '56. (MLRA 9:11)

1. Kanifol'no-ekstraktsionnyy zavod "Vakhtan."
(Boilers) (Wood-using industries)

GERASIMOV, V.S.

Improvement of the process of the utilization of wood fuel for heating and producing chemicals. Gidroliz i lesokhim.prom. 12 no.4:21-22 '59. (MIRA 12:8)

1. Vakhtanskiy kanifol'no-ekstraktsionnyy zavod.
(Wood as fuel) (Wood--Chemistry)

TSATSKA, E.M.;REBANE, Ye.I.;GERASIMOV, V.S.;MAKAROVA, G.A.

Use of a centrifugal blower and tar extractor of the TsKTI-LPI type for the purification of crude gases. Gidroliz i lesokhim. prom. 12 no.7:19-23 '59 (MIRA 13:3)

1. Leningradskaya lesotekhnicheskaya akademiya (for TSatska, Rebane).
2. Vakhtanskiy kanifol'no-ekstraktsionnyy zavod (for Gerasimov, Makarova).
(Wood-using industries--Equipment and supplies)
(Gas purification)

TSATSKA, E.M.; GERASIMOV, V.S.; MAKAROVA, G.A.

Using high-pressure centrifugal ventilator for the purification of gas. Gidroliz. i lesokhim. prom. 14 no.8:12-15 '61. (MIRA 16:11)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M. Kirova (for TSatska). 2. Vakhtanskiy kanifol'no-ekstraktsionnyy zavod (for Gerasimov, Makarova).

L 47747-65 EMT(m)/EWG(m)/EWP(t)/EWP(b) IJP(c) RDW/JD

ACCESSION NR: AP5010921 UR/0286/65/000/007/0104/0104

AUTHOR: Kudrynytsev, A. A.; Ryabova, R. I.; Ustyugov, O. P.; Bartosevich, N. K.; Moronov, I. P.; Zhukov, P. I.; Gerasimov, V. S.

TITLE: Method of refining tellurium. Class 40, No. 169793

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 104

TOPIC TAGS: tellurium, tellurium refining, high purity tellurium

ABSTRACT: This Author Certificate introduces a method of refining tellurium up to 99.9999% purity. Commercial grade tellurium is purified by distillation, first in hydrogen at 700C and then in a vacuum of 1 mm Hg at a temperature gradually changing from 800C in the still to 500C in the condenser. [AZ]

ASSOCIATION: none

SUBMITTED: 190ct62 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4005

Card 1/1

GERASIMOV, V.V., MILOVIDOV, I.N., YAGODIN, G.V.

"Fundamentals of Electrical Engineering" (Osnovy elektrotekhniki). Textbook for military schools and the officer component of communications troops, edited by G.V. Yagodin, 2d edition, revised. Voyennoye Izdatel'stvo, 464 pp., 1947

GERASIMOV, V.V., GOL'DSHTEYN, B.I., KONDRAT'YEVA, L.G.

"Vitamin C Influencing the Velocity of Regeneration of Nucleic Acids in Cells of Animal Organism", in the book Experience in the Use of Radioactive Isotopes in Medicine R. Ye. KAVETSKIY and I.T. SHEVCHENKO, published by the GOSMEDIZDAT Publishing House of the UKRAINIAN SSR, KIEV 1955, represents medical transactions of a conference held in KIEV from 18-20 January 1954.

So: 1100235

GERASIMOV, V.V.

Let's carry out the resolutions on the promyshlennosti Ispolkoma Mossoveta. Gor. khoz. Mosk. 34 no.11:22-23 N '60. (MIRA 13:11)

1. Administrativnaya inspektsiya Mosgorispolkoma.
(Moscow--Muncipal services)

AKOL'ZIN, P.A.; GERASIMOV, V.V.; KASPEROVICH, A.I.; MAMET, A.P.; MAN'KINA, N.N.; MARGULOVA, T.Kh.; MARTYNOVA, O.I.; MIROPOL'SKIY, Z.L.; Prinimali uchastiye: DYATLOVA, N.M.; BIKHMAN, B.I.; STYRIKOVICH, M.A., retsenzent; KOSTRIKIN, Yu.M., red.

[Water system of thermal electric power plants (ordinary and atomic)] Vodnyi rezhim teplovykh elektrostantsii (obychnykh i atomnykh). [By] P.A.Akol'zin i dr. Moskva, Energiia, 1965. 382 p. (MIRA 18:3)

GERASIMOV, V.V.

The problem of the "Calamus" herring. Trudy Murm. biol. sta. 3:111-113 '57. (MIRA 11:2)

(Murman Coast--Herring fisheries) (Fishes--Food)

3(9) SOV/26-59-2-43/53

AUTHORS: Mironova, N.V., Candidate of Biologic Sciences; Gerasimov, V.V.

TITLE: A Sea Aquarium (Morskoy akvarium)

PERIODICAL: Priroda, 1959, Nr 2, pp 114-115 (USSR)

ABSTRACT: The authors point out the value of a permanent sea aquarium for scientific study of marine food fishes. This is especially true with respect to such installations beyond the Arctic circle, since the constant supply of fresh sea water offers certain technical difficulties. Thus the opening of a sea aquarium in 1956 in the Murmansk Marine Biological Institute, with the necessary supply of sea water circulating 24 hours a day was a considerable achievement. The aquarium was thoroughly remodeled in winter 1958. At present it consists of 3 rooms, has several large tanks , a tiled basin of 4.5 m length and several smaller receptacles. First studies were concerned with the change in color in codfishes, their preferred water temperature, the effect of the preliminary

Card 1/3

temperature adaption upon them, and the behavior of their young within the shoal. A substantial amount of one-year-old herrings became the second object of investigation. Many of them died during the first week after they had been caught. The rest survived and, within the course of one year, showed that they stood much variation in the oxygen content, saltiness and temperature of the water. Temperature variations ranged between 0.4 and plus 12.5°C. Temperatures from minus 1.5 to 1.9°C on are deadly to the herrings. The minimum oxygen content in the water for herrings is 2 cubic cm per liter. The herrings offered no difficulty with respect to food and thrive on many foods including fresh water plankton. The feeding habits of the individuals differ. Their general habits changed gradually. In the beginning they crowded vary close together in a shoal and reacted collectively. Small groups of 5 to 10 herrings kept apart were poor eaters, while isolated individual animals did not eat at all. The herrings were kept in an aquarium of 260 x 91 x 110 cm dimension. In

A Sea Aquarium SOV/26-59-2-43/53

addition to codfish and herrings, pollack and haddock were studied among several other marine food fishes. While the pollack adapted best to life under aquarium conditions, the haddock offered the greatest difficulties with respect to being kept in an aquarium. Most fishes, however, developed conditioned reflexes concerning the feeding procedure. Also several invertebrates are kept and studied in the aquarium.

ASSOCIATION: Murmanskiy morskoy biologicheskiy institut (Murmansk Marine Biological Institute)

Card 3/3

KAMSHILOV, M.M.; GERASIMOV, V.V.

Experiment in keeping young Murmansk herring in the aquarium.
Trudy sov. Ikht. kom. no.10:84-87 '60. (MIRA 13:10)

1. Murmanskiy Morskoy biologicheskiy institut Akademii nauk SSSR.
(Herring) (Murmansk--Marine aquariums)

MIRONOVA, N.V.; TSEYEB, R.Ya.; GERASIMOV, V.V.; POZDNYAKOV, Yu.F.; CHINARINA, A.D.; BELOVA, A.V.

Distribution and some biological characteristics of commercial fishes in the littoral area of the Murman Coast in 1957. Trudy MMBI no.4:162-173 '62. (MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova) Murmanskogo morskogo biologicheskogo instituta.
(Barents Sea--Fishes)

MIRONOVA, N.V.; TSEYEB, R.Ya.; GERASIMOV, V.V.; POZDNYAKOV, Yu.F.; CHINARINA, A.D.; TARVERDIYEVA, M.I.; BELOVA, A.V.

Distribution and some biological characteristics of commercial fishes in the littoral area of the Murman Coast in 1958. Trudy MMBI no.4:174-185 '62. (MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova) Murmanskogo morskogo biologicheskogo instituta.
(Barents Sea—Fishes)

GERASIMOV, V.V.

Feeding habits of the Murmansk herring in schools and outside of schools in aquariums. Trudy MMBI no.4:254-259 '62.
(MIRA 15:11)

1. Laboratoriya sravnitel'noy fiziologii (zav. - E.Sh. Ayrapet'yants) Murmanskogo morskogo biologicheskogo instituta.

(Herring)
(Fishes—Food)

GERASIMOV, V.V.

Dynamics of imitational conditioned reflexes in certain marine fishes (codfish, coalfish, haddock). Dokl. AN SSSR 146 no.6:1456-1459 O '62. (MIRA 15:10)

1. Murmanskiy morskoy biologicheskiy institut Kol'skogo filiala AN SSSR im. S.M. Kirova. Predstavleno akademikom Ye.N. Pavlovskim.
(Conditioned response) (Fishes—Behavior)

GERASIMOV, V.V.

Specificity of imitation in fishes. Trudy MMBI no.5:177-180 '64.
(MIRA 17:4)

1. Laboratoriya sravnitel'noy fiziologii (zav. - E.Sh.Ayrapet'yants) Murmanskogo morskogo biologicheskogo instituta.

GERASIMOV, V. V.

GERASIMOV, V. V.: "Investigation of the effect of temperature on the electrochemical and corrosion behavior of a number of metals in electrolytes". Moscow, 1955. Acad Sci USSR. Inst of Physical Chemistry. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December 1955. Moscow.

USSR/ Chemistry - Phys. chemistry

Card 1/1 Pub. 40 - 3/25

Authors : Gerasimov, V. V.; Akimov, G. V. and Rozenfel'd, I. L.

Title : Effect of thermal factor on the rate of metal corrosion in electrolytes

Periodical : Izv. AN SSSR. Otd. khim. nauk 1, 12-15, Jan 1956

Abstract : The effect of temperature on the rate of corrosion with various limitations was investigated on corrosion element models and on a real microelement of a zinc alloy containing 0.92% Fe. It was found that the rate of the corrosion process with change in temperature is due in the first place to the change of the thermal factor which controls the corrosion process. The effect of temperature on the rate of corrosion was studied at various forms of cathode control. It was established that the corrosion limited only by the rate of oxygen oxidation has a maximum increase and the rate of oxidizer travel has a minimum increase with temperature. Four USSR references (1941-1952). Tables; graphs.

Institution : Acad. of Sc. USSR, Inst. of Phys. Chem.

Submitted : June 6, 1955

AUTHORS: Gerasimov, V. V., and Rozenfel'd, I. L. 62-1-3/21

TITLE: Thermogalvanic Corrosion (Thermogal'vanicheskaya korroziya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk, 1957, No. 1, pp. 29-31 (U.S.S.R.)

ABSTRACT: Thermogalvanic corrosion appears to be the result of macro-cells originating when different parts of one and the same metal, submerged in an electrolyte, have a different temperature and the part of the metal acting as anode in such macrocell is subjected to destruction. The authors investigated thermogalvanic corrosion (currents of thermogalvanic cells) of Fe, Cu, Ni and Pb in neutral, alkaline and acid solutions at different temperature drops and surface ratios of cold and hot electrodes and during the mixing of the electrolyte. Experiments showed that in all cases the role of the cell anode is assumed by the electrode which is oriented at a much higher temperature. It was found that, in an alkaline medium, the thermogalvanic current

of the copper cell increases during the increase in cathode area and anode area as well; the corrosion in this case follows with mixed control. In neutral and acid media the cell current, at an increase in the area of the cold electrode (cathode), increases to a greater degree than during the increase in the anode area. The corrosion in these media follows with cathode control. In an acid medium, where the rate of the cathodic process due to corrosion and hydrogen depolarization is quite high, the thermogalvanic corrosion, with a rare exception, is greater than in neutral and alkaline media. Mixing of the electrolyte in the cathode space sharply increases the rate of corrosion in the thermogalvanic cells where the rate of oxygen diffusion appears to be the controlling factor. In cases where the limiting factor is the ionization of the oxygen or oxygen depolarization with possible discharge of hydrogen ions, the mixing of the electrolyte in the cathode space, has a lesser effect on the corrosion process.

Tables, graph. There are 4 Non-slavic references.